

Eosin methylene blue, according to Wright**Identification**

CAS [68988-92-1]
EC number: 273-541-5
Taric code: 3204 19 00

Synonyms

Wright's eosin methylene blue

Applications

analytical chemistry, for spectrophotometric determinations (for determination of: silver), for biology, indicator, microscopy.

Specifications

pH (0,01 %, methanol , 50 %)	6 - 7	Absorptivity (A1%/1 cm; λ 2; methanol, referred to dried sample)	650 - 850
Absorption maximum λ 1 (in methanol)	648 - 651 nm	loss on drying (105 °C)	max. 10 %
Absorption maximum λ 2 (in methanol)	521 - 524 nm	suitability for microscopy	passes test
Absorptivity (A1%/1 cm; λ 1, methanol, referred to dried sample)	1200 - 1400	TLC test	passes test

Physical data

- Bulk density: ~ 520 kg/m³
- Solub. in water: (20 °C): insoluble

Transport/storage

- 10°C - 30°C